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IN THE CLAIMS:

Please amend claims 1, 3, 13 and 14; cancel claims 8-12, 15, 17, 19 and 21; and add new claims 23-28, as follows:

1. (Currently Amended) A tissue adhesive patch, comprising:
a mesh structure, said mesh structure including a ~~first~~
~~material comprising a polymer~~, said polymer being selected from a
group consisting of nylon, polyester and polycarbonate, said ~~first~~
~~material~~ mesh structure being biologically compatible and non-
irritating; and

~~a second material including a derivatized collagen, a~~
~~concentration of said derivatized collagen in said second material~~
~~being at least equal to 300 mg/ml but less than 800 mg/ml, a~~
tissue adhesive including collagen, wherein the concentration of
said collagen in said tissue adhesive being 300 mg/ml (30%) to 800
mg/ml (80%), said collagen being derivatized with a COO⁻
functional group, and being gelatinized, said mesh structure being
encapsulated in said ~~material~~ tissue adhesive.

2. (Cancelled)

3. (Currently Amended) A tissue adhesive patch, comprising:
a plurality of fibers which are biologically compatible and
non-irritating, said plurality of fibers including a polymer, said
polymer being selected from a group consisting of nylon, polyester
and polycarbonate; and

a material tissue adhesive including ~~a derivatized collagen~~,

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~~a concentration of said derivatized collagen in said material being at least equal to 300 mg/ml but less than 800 mg/ml, wherein the concentration of said collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said plurality of fibers being embedded in said material~~ tissue adhesive.

4. (Previously Amended) A tissue adhesive patch in accordance with claim 3, wherein said plurality of fibers are bundled.

5. (Cancelled)

6. (Cancelled)

7. (Previously Amended) A tissue adhesive patch in accordance with claim 3, wherein said plurality of fibers are coaligned.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently Amended) A tissue adhesive patch, comprising:
a plurality of collagen fibrils; and

~~a material including a derivatized collagen, said a concentration of said derivatized collagen in said material being at least equal to 300 mg/ml but less than 800 mg/ml, a tissue adhesive including collagen, wherein the concentration of said~~

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collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said plurality of collagen fibrils being embedded in said material tissue adhesive.

14. (Currently Amended) A tissue adhesive patch, comprising:
a mesh structure, said mesh structure including ~~a first material selected from a group consisting of carbon and metal wire, said first material carbon~~ being biologically compatible and non-irritating; and

~~a second material including a derivatized collagen, concentration of said derivatized collagen in said second material being at least equal to 300 mg/ml but less than 800 mg/ml, a~~
tissue adhesive including collagen, wherein the concentration of said collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said mesh structure being encapsulated in said material tissue adhesive.

15. (Cancelled)

16. (Currently Amended) A tissue adhesive patch in accordance with claim ~~15~~ 1, wherein said ~~derivatized collagen~~
~~further includes an SH⁻ functional group~~ collagen is also derivatized with an SH⁻ functional group.

17. (Cancelled)

18. (Currently Amended) A tissue adhesive patch in accordance with claim ~~17~~ 3, wherein said ~~derivatized collagen~~

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~~further includes an SH⁻ functional group~~ collagen is also derivatized with an SH⁻ functional group.

19. (Cancelled)

20. (Currently Amended) A tissue adhesive patch in accordance with claim ~~19~~ 13, wherein said ~~derivatized collagen~~ further includes an SH⁻ functional group collagen is also derivatized with an SH⁻ functional group.

21. (Cancelled)

22. (Currently Amended) A tissue adhesive patch in accordance with claim ~~21~~ 14, wherein said ~~derivatized collagen~~ further includes an SH⁻ functional group collagen is also derivatized with an SH⁻ functional group.

23. (New) A tissue adhesive patch, comprising:
a mesh structure including a metal wire, said metal wire being biologically compatible and non-irritating; and
a tissue adhesive including collagen, wherein the concentration of said collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said mesh structure being encapsulated in said tissue adhesive.

24. (New) A tissue adhesive patch in accordance with claim 23, wherein said collagen is also derivatized with an SH⁻ functional group.

25. (New) A tissue adhesive patch, comprising:
a plurality of fibers which are biologically compatible and

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non-irritating, said plurality of fibers including carbon; and
a tissue adhesive including collagen, wherein the concentration of said collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said plurality of fibers being embedded in said tissue adhesive.

26. (New) A tissue adhesive patch in accordance with claim 25, wherein said collagen is also derivatized with an SH⁻ functional group.

27. (New) A tissue adhesive patch, comprising:
a plurality of fibers which are biologically compatible and non-irritating, said plurality of fibers including metal; and
a tissue adhesive including collagen, wherein the concentration of said collagen in said tissue adhesive being 300 mg/ml (30%) to 800 mg/ml (80%), said collagen being derivatized with a COO⁻ functional group, and being gelatinized, said plurality of fibers being embedded in said tissue adhesive.

28. (New) A tissue adhesive patch in accordance with claim 27, wherein said collagen is also derivatized with an SH⁻ functional group.